

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
140264-1SERIAL NO.  
10/810,697INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
LIST OF ITEMSApplicant  
XIAOLEI SHI, ET ALFiling Date  
3/30/04Group  
2655

## U.S. PATENT AND PUBLICATION DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ALV	A1 2003/0002428	1/2/03	CHEONG, ET AL			
	A2					
	A3					
	A4					
	A5					

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
ALV	B1 EP1195757	4/10/02	EPO			
	B2					
	B3					
	B4					
	B5					

## OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, etc.)


ALV	C1	COPY OF THE INTERNATIONAL SEARCH REPORT DATED 8/7/05.				
ALV	C2	H. FUJI, ET AL, "BIT-BY-BIT DETECTION ON SUPER-RESOLUTION NEAR-FIELD STRUCTURE DISK WITH PLATINUM OXIDE LAYER", JPN. J. APPL. PHYS. VOL. 42 (2003), PP. L589-L591.				
ALV	C3	J. KIM, ET AL, "SUPER-RESOLUTION BY ELLIPTICAL BUBBLE FORMATION WITH PtO <sub>x</sub> AND AgInSbTe LAYERS", APPLIED PHYSICS LETTERS, VOL. 83, NO. 9, (2003), PP. 1701-1703.				
ALV	C4	F. HO, ET AL, "MEASUREMENTS OF NONLINEARITY OF AgO <sub>x</sub> SUPER-RESOLUTION NEAR-FIELD STRUCTURE", ADVANCED. OPTICAL. STORAGE TECHNOLOGY, PROCEEDINGS OF SPIE. VOL. 4930 (2002), PP. 68-75.				

EXAMINER

DATE CONSIDERED

6/1/07

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

FORM PTO-1449 (REV. 7-80)		US. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 140264	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <u>LIST OF ITEMS</u>				Applicant XIAOLEI SHI, ET AL	
				Filing Date	Group
OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, etc.)					
ALV	C1	J. Bosbach, et al., "Ultrafast Dephasing of Surface Plasmon Excitation in Silver Nanoparticles: Influence of Particle Size, Shape, and Chemical Surrounding", Physical Review Letters, Vol. 89, No. 25, pp. 257404-1 - 257404-4.			
ALV	C2	E. Kim, et al., "Thermal Boundary Resistance at Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>3</sub> /ZnS:SiO <sub>2</sub> Interface, Applied Physics Letters, Vol. 76, No. 26, June 6, 2000, pp. 3864-3866.			
ALV	C3	P. Krauss, et al., "Nano-Compact Disks with 400 Gbit/in <sup>2</sup> Storage Density Fabricated Using Nanoimprint Lithography and Read with Proximal Probe", Applied Phys. Lett. 71 (21), Nov. 24, 1997, pp. 3174-3176.			
ALV	C4	J. Krug, II, et al., "Design of Near-field Optical Probes with Optimal Field Enhancement by Finite Difference Time Domain Electromagnetic Simulation", Journal of Chemical Physics, Vol 116, No. 24, 6/22/02, pp. 10895-10901.			
ALV	C5	C. Mirkin, et al., "A DNA-Based Method for Rationally Assembling Nanoparticles into Macroscopic Materials", Letters to Nature, Vol. 382, August 15, 1996, pp. 607-609.			
ALW	C6	C. Mirkin, "Programming the Assembly of Two- and Three-Dimensional Architectures with DNA and Nanoscale Inorganic Building Blocks", Invited Contribution from Recipient of ACS Award in Pure Chemistry, Inorg. Chem. 2000, Vol 39, pp. 2258-2272.			
ALV	C7	J. Mock, et al., "Local Refractive Index Dependence of Plasmon Resonance Spectra from Individual Nanoparticles", Nano Letters, 2003 Vol 3, No. 4, pp. 485-491.			
ALV	C8	J. Mock, et al., "Shape Effects in Plasmon Resonance of Individual Colloidal Silver Nanoparticles", Journal of Chemical Physics, Vol. 116, No. 15, 4/15/02, pp. 6755-6759.			
ALV	C9	D. Shi, et al., "Multi-Layer Coating of Ultrathin Polymer Films on Nanoparticles of Alumina by a Plasma Treatment", Mat. Res. Soc. Symp., Vol. 635@ 2001 Materials Research Society, pp. C428.1-C4.28.6.			
ALV	C10	C. Sonnichsen, et al., "Drastic Reduction of Plasmon Damping in Gold Nanorods", Physical Review Letters, Vol 88, NO. 7, 2/18/02, pp. 077402-1 - 077402-4.			
ALV	C11	C. Sonnichsen, et al., "Plasmon Resonances in Large Noble-Metal Clusters", New Journal of Physics 4, (2002), pp. 93.1 -93.8.			
ALV	C12	Y. Sun, et al., "Crystalline Silver Nanowires by Soft Solution Processing", Nano Letters, 2002, Vol. 2, No. 2, pp. 165-168.			
ALV	C13	Y. Sun, et al., "Increased Sensitivity of Surface Plasmon Resonance of Gold Nanoshells compared to That of Gold Solid Colloids in Response to Environmental Changes", Anal. Chem. 2002, Vol. 74, No. 20, pp. 5297-5305.			
EXAMINER 				DATE CONSIDERED 6/1/07	
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